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Date of Deposit: December 22, 2005

| | | | | | HE UNITED | | ATTORNEY'S DOCKET NO. | | | | | | | |
|--|--|--|---|---------------|----------------------|-------------------------|--|--|--|--|--|--|--|--|
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | | | | | | 13004.5 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) | | | | | | | |
| | COI | ICERN | ING A SUBI | MISSION | UNDER 35 U | J.S.C. 371 | 10/562274 | | | | | | | |
| INT | ERNA | ATIONAL A | APPLICATION N | D. INTE | RNATIONAL FILI | NG DATE | PRIORITY DATE CLAIMED | | | | | | | |
| | | 2004/0008 | | June | June 30, 2003 | | | | | | | | | |
| | TITLE OF INVENTION SUBSTRATES FOR SPATIALLY SELECTIVE MICRON AND NANOMETER SCALE DEPOSITION AND COMBINATORIAL MODIFICATION | | | | | | | | | | | | | |
| | AND FABRICATION APPLICANT(S) FOR DO/EO/US | | | | | | | | | | | | | |
| John Peter Hastwell and Timothy Mark Kaethner | | | | | | | | | | | | | | |
| App | licant | ant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | | | | | |
| 1. | \boxtimes | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371 | | | | | | | | | | | | |
| 2. | | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 | | | | | | | | | | | | |
| 3. | ⊠ (21) | This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and 1) indicated below. | | | | | | | | | | | | |
| 4. | \boxtimes | The US has been elected (Article 31). | | | | | | | | | | | | |
| 5. | \boxtimes | A copy of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | | | | | | |
| | | a. 🛛 is transmitted herewith (required only if not transmitted by the International Bureau). | | | | | | | | | | | | |
| | | b. | ☐ has b | een transmi | tted by the Interna | tional Bureau. | | | | | | | | |
| | | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | | | | | |
| 6. | | An Englis | sh translation of t | ne Internatio | onal Application int | o English (35 U.S.C | C. 371(c)(2)). | | | | | | | |
| | | a. | ☐ is atta | ched heret | o . | | | | | | | | | |
| | | b. | ☐ has b | een previou | sly submitted unde | er 35 U.S.C. 154(d) | (4). | | | | | | | |
| 7. | | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | | | | | | | |
| | | a. are transmitted herewith (required only if not transmitted by the International Bureau). | | | | | | | | | | | | |
| | | b. have been transmitted by the International Bureau. | | | | | | | | | | | | |
| | | c. | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | | | | |
| | 7 | d. | d. have not been made and will not be made. | | | | | | | | | | | |
| 8. | | An Englis | sh translation of t | ne amendm | ents to the claims | under PCT Article 1 | 19 (35 U.S.C. 371(c)(3)). | | | | | | | |
| 9. | \Box | An oath o | or declaration of t | he inventor | (s) (35 U.S.C. 371(| c)(4)). | | | | | | | | |
| 10. | | An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) and/or amendments under Article 34. | | | | | | | | | | | | |
| Iter | ns 11 | to 20 Bel | ow concern oth | er docume | nt(s) or informatio | on included: | | | | | | | | |
| 11. | | An Inform | nation Disclosure | Statement | under 37 CFR 1.97 | 7 and 1.98 _. | | | | | | | | |
| 12. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | | | | | |
| 13. | \boxtimes | A preliminary amendment. | | | | | | | | | | | | |
| 14. | | An Application Data Sheet under 37 CFR 1.76. | | | | | | | | | | | | |
| 15. | \boxtimes | A substitute specification. | | | | | | | | | | | | |
| 16. | | A power of attorney and/or change of address letter. | | | | | | | | | | | | |
| 17. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. | | | | | | | | | | | | |
| 18. | | A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | | | |
| 19. | | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | | | |
| 20. | \boxtimes | Other items or information: Return Post card. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

IAP5 Rec'd PCT/PTO 22 DEC 2005

| I I S APPLICATION | ANO SAIT LONG | PPLICATION NO. | ATTORNEY'S DOCKET NO. | | | | | | | | | |
|---|--|---------------------------------------|---------------------------|---|---------------------------------------|----|--|--|--|--|--|--|
| U.S. APPLICATION | TU/ | 13004.5 | | | | | | | | | | |
| The following fees | are subm | | CALCULATIONS | PTO USE ONLY | | | | | | | | |
| 21. 🛭 Basic national | | | | | | | | | | | | |
| 22. Examination fee (37 CFR 1.492(c)) If International preliminary report prepared by ISA/US or the examination report prepared by IPEA/US indicates all claims | | | | | | | | | | | | |
| satisfy provisions of Po | | | | | | | | | | | | |
| All other situations | | | | | | | | | | | | |
| 23. Search Fee (| | | | | | | | | | | | |
| If the written opinion of | the ISA/US isfy provision | | | | | | | | | | | |
| Search fee (37 CFR 1. | .445(a)(2)) h | | | | | | | | | | | |
| International Sea | | | | | | | | | | | | |
| | | red and provided to the Office | | | | | | | | | | |
| All other situations | | | | | | | | | | | | |
| | TOTAL OF | | | | | | | | | | | |
| ☐ Additional fee for s | | | | | | | | | | | | |
| program listing filed in | an electronic | \$1000 | Y | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | | | | | | | |
| Claims | | Number Filed | Number Extra | Rate | | | | | | | | |
| Total Claims | | 13- 20 = | 0 | x \$ 50.00 | \$0.00 | | | | | | | |
| Independent Claims | :/-\ :6 A 1 | 4- 3 = | 1 | x \$ 200.00 | \$200.00 | | | | | | | |
| Multiple dependent cla | im(s) if Appli | + \$360.00 ABOVE CALCUATIONS = | \$0.00 | | | | | | | | | |
| Applicant claims | mall entity s | status. See 37 CFR 1.27. The fees in | | | \$1200 | | | | | | | |
| 23 replicant diaming | onium cirtaty o | SUBTOTAL = | \$600 | | | | | | | | | |
| Processing fee of \$13 | 0.00 for fun | nishing the English translation later | than the 30 months | | - 4000 | | | | | | | |
| priority date (37 CFR 1 | .492(f)). | | | | \$ | | | | | | | |
| | | | | TOTAL NATIONAL FEE= | \$600 | | | | | | | |
| Fee for recording t | he enclosed | assignment (37 CFR 1.21(h)). The a | | | | | | | | | | |
| | | COV | | 31), \$40.00 per property + OTAL FEES ENCLOSED= | \$600 | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | OTAL TELS ENGLOSED- | Amount to be refunded | S | | | | | | |
| • | | | | | charged | \$ | | | | | | |
| a. 🔯 | a. A check in the amount of \$600 to cover the above fees is enclosed. | | | | | | | | | | | |
| b. 🗆 | Please charge my Deposit Account No. 23-1925 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | |
| c. Ż ⊠ | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | |
| d | Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included | | | | | | | | | | | |
| | on this to | rm. Provide credit card information a | and authorization on PTO- | 2038. | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | | | | |
| Send All Corresponden | oce to: | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| Sena All Corresponden | Brinks | | | | | | | | | | | |
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| | | M. Wejnert | | | | | | | | | | |
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